PEXUSB3S2

Instruction Manual

PCI Express USB 3.0 Controller Adapter Card

2-Port PCI Express SuperSpeed USB 3.0 Controller Adapter Card

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

10x faster than that of USB 2.0, this SuperSpeed USB 3.0 adapter card enables you to access your data and transfer files much faster than USB 2.0! The new USB 3.0 standard supports transfer rates of up to 5Gbps, while still providing connectivity and support for the older USB 2.0 (480Mbps) and 1.1 (12Mbps) devices. In addition to providing a much faster transfer rate the PEXUSB3S2 USB 3.0 card also supplies 900mA of power per USB port, allowing for more external devices to operate without the need of an external power source.

Packaging Contents

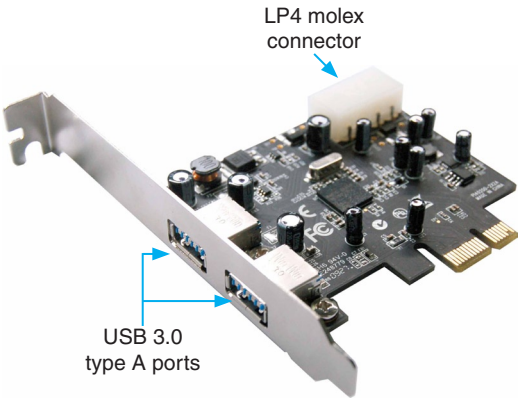
- 1 x PEXUSB3S2 card
- 1 x Low Profile bracket
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- PCI Express enabled computer system and available slot
- Microsoft® Windows® XP/Server 2003/Vista/7 (32/64-bit)

Installation

WARNING! PCI Express cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI Express card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI Express card by its edges and not the gold connectors.



Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (ie. printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer.
2. Remove the cover from the computer case. See documentation for your computer system for details.
3. Locate an open PCI Express slot and remove the metal cover plate on the rear of the computer case. Note that this card will work in PCI Express slots of additional lanes (ie. x4, x8 or x16 slots)
4. Insert the card into the open PCI Express slot and fasten the bracket to the rear of the case, per your computer's documentation.
5. Connect an LP4 molex power connector from the computer's power supply to the LP4 connector on the card.
6. Place the cover back onto the computer.
7. Insert the power cable into the socket on the power supply.

Driver Installation

Windows XP/Server 2003/Vista/7

Once the computer has started and the operating system is fully loaded, insert the provided Driver CD into the computer's CD/DVD drive.

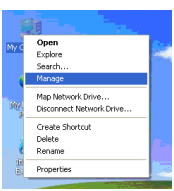
Autorun should start the installation program, so follow the instructions onscreen to complete the driver installation.

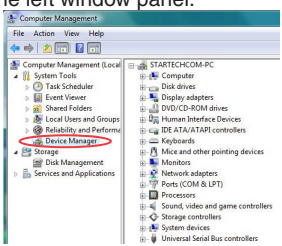
If Autorun does not start, Go into "My Computer" and access the CD/DVD drive that the CD is in, and run the "setup.exe" file located on the CD. Follow the onscreen instructions to complete the driver installation.

Verifying Installation

Windows XP/Server 2003/Vista/7

From the main desktop, right-click on "My Computer" ("Computer" in Vista/7), then select Manage. In the new Computer Management window, select Device Manager from the left window panel.





In the Device Manager, under the Universal Serial Bus Controllers category, you should see the new entries for the USB controller card.

Universal Serial Bus controllers
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C8
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C9
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB
Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC
NEC Electronics USB 3.0 Host Controller
NEC Electronics USB 3.0 Root Hub
USB Root Hub
USB Root Hub

Specifications

Bus Interface	PCI Express 2.0 (x1 connector) USB 3.0 rev1.0 Intel xHCI rev0.95
External Connectors	2 x USB 3.0 type A
Internal Connectors	1 x LP4 molex power
Chipset ID	NEC uPD720200
Maximum Data Transfer Rate	USB 3.0: 5Gbps
Operating Temperature	0°C to 75°C (32°F to 167°F)
Storage Temperature	-40°C to 125°C (-40°F to 257°F)
Humidity	0 ~ 80% RH
Compatible Operating Systems	Windows XP/Server 2003/ Vista/7 (32/64-bit)

Technical Support

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Warranty Information

This product is backed by a lifetime warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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